

[illegible]

4. The method as recited in Claim 3, wherein the first point (454) of the first coordinate chain (451) is interpreted in a defined direction via the second point (455) of the first coordinate chain (451).
5. The method as recited in one of the preceding claims, wherein the description information (470) includes at least one first attribute field (471).
6. The method as recited in Claim 5, wherein the first attribute field (471) includes a type specification (474) and a description data (475), the description data (475) being determined by the type specification (474), in particular with respect to the name, to the accuracy, to the direction, to the time, to a POI (point of interest) and/or to the physical link.
7. The method as recited in one of the Claims 2 through 6, wherein the assignment information (460) includes at least one first assignment entry (461), the first attribute field (471) and the first point (454) of the first coordinate chain (450) being assigned to each other via the first assignment entry (461).
8. The method as recited in Claim 7, wherein the first assignment entry (461) includes both a reference to the first attribute field (471) and a reference to the first point (454) of the first coordinate chain (451).

9. The method as recited in Claim 7 or 8, wherein the first assignment entry (461) includes either both a reference to the first attribute field (471) and a reference to a plurality of points (454 to 459) of coordinate chains (451, 452) of the locating information (450), or both a reference to a plurality of attribute fields (471, 472) and a reference to the first point (454) of the first coordinate chain (451).
10. The method as recited in one of the preceding claims, wherein the data packet (400) includes a header part (420) of the location information and a data part (440) of the location information.
11. The method as recited in Claim 10, wherein the header part (420) includes structure information (422) and interpreting instructions (424), the structure information (422) specifying the data structure of the location information, and the interpreting instructions (424) specifying the purpose of the location information.
12. A data format for encoding, for decoding and for transmitting location information according to one of the Claims 1 through 11.
13. An encoding device (20) for encoding location information, wherein a method according to one of the Claims 1 through 11 is usable for encoding the location information.

- $$\frac{1}{\sqrt{\pi}} \left( \frac{1}{\sqrt{\pi}} \right)^n = \frac{1}{\sqrt{\pi}^n}$$